

Inventor: **Hirokazu Iguchi**
U.S. Serial No. **09/700,171**

Group Art Unit: **1713**
Examiner: **Rip A. Lee**

5N
B²
soluble portion of which has a reduced viscosity η_{sp}/c , where η_{sp} is specific viscosity and c is concentration of polymer in solvent in g/100 mL, of 1 to 5 measured at 30°C with respect to its 0.2 g/100 cc acetone solution,

H
said graft monomer component being composed of 40 to 100% by weight of methyl methacrylate and 0 to 60% by weight of at least one monomer selected from the group consisting of an alkyl acrylate having a C₁ to C₈ alkyl group, an alkyl methacrylate having a C₂ to C₆ alkyl group, an unsaturated nitrile and an aromatic vinyl compound, and said crosslinked elastomeric polymer being composed of 79.9 to 99.99 % by weight of an alkyl acrylate having a C₂ to C₈ alkyl group, 0.01 to 5% by weight of a polyfunctional monomer and 0 to 20% by weight of other monomers copolymerizable therewith selected from the group consisting of monomers having a single vinyl group and organosiloxanes, and

(c) 10 to 30 parts by weight of calcium carbonate.

Please add new claims 3-8 as follows:

3. (New) The composition of Claim 1, wherein said methyl ethyl ketone-soluble portion has a reduced viscosity η_{sp}/c of 1.5 to 4.

H²
SV
B³
4. (New) The composition of claim 1, wherein said other monomers in said crosslinked elastomeric polymer are a member selected from the group consisting of alkyl acrylates other than those having a C₂ to C₈ alkyl group, other acrylic esters, methacrylic esters, acrylic acid, metal salts of acrylic

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SA
B3
acid, acrylamide, aromatic vinyl compounds and their derivatives, acrylonitrile, methacrylonitrile, vinyl ether compounds, vinyl ester compounds, vinyl halides, vinylidene halides, cyclic siloxanes, alkoxysilanes and methacryloyloxysiloxanes.

5. (New) The composition of Claim 1, wherein said graft copolymer is composed of 35 to 70 parts by weight of a graft monomer component and 30 to 65 parts by weight of a crosslinked elastomeric polymer, the total being 100 parts by weight.

A2
6. (New) The composition of Claim 1, wherein said graft monomer component is composed of 60 to 100 % by weight of methyl methacrylate and 0 to 40% by weight of at least one monomer selected from the group consisting of an alkyl acrylate having a C₁ to C₈ alkyl group, an alkyl methacrylate having a C₂ to C₆ alkyl group, an unsaturated nitrile and an aromatic vinyl compound.

SA
7. (New) The composition of Claim 1, wherein said graft monomer component is a mixture of methyl methacrylate and up to 40 % by weight of at least one monomer selected from the group consisting of an alkyl acrylate having a C₁ to C₈ alkyl group, an alkyl methacrylate having a C₂ to C₈ alkyl group, an unsaturated nitrile and an aromatic vinyl compound.

8. (New) The composition of Claim 1, wherein the amount of said calcium carbonate is from 15 to 25 parts by weight based on 100 parts by weight of said vinyl chloride resin.